

CERTIFICATE OF CONSTANCY OF PERFORMANCE

Issued by DBI Certification, notified body No. 2531.

In compliance with *Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011* (the Construction Products Regulation or CPR), this certificate applies to the construction product

**55000-540 Analogue Addressable Intrinsically Safe XP95 Ionisation
Smoke Detector**

The product fulfils the essential characteristic:

See Annex 1

Intended use: Applications related to automatic fire alarm systems

Placed on the market under the name or trade mark of:

**Apollo Fire Detectors Limited
36 Brookside Road, Havant, Hampshire, PO9 1JR, UK**

and produced in the manufacturing plant:

**Apollo Fire Detectors Limited
36 Brookside Road, Havant, Hampshire, PO9 1JR, UK**

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standards

EN 54-7:2000/A1:2002/A2:2006 : Fire detection and fire alarm systems - Part 7: Smoke detectors - Point detectors using scattered light, transmitted light or ionization

under system 1 for the performance set out in this certificate are applied and that the performance of the construction product is assessed to remain constant.

The attached annexes form part of this certificate.

Date of issue: **2019-10-09**.

This certificate will remain valid as long as neither the harmonized standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly unless suspended or withdrawn by the notified product certification body.

This certificate was first issued 2019-10-09.



Merete Poulsen
Responsible for evaluation



Allan Laursen
Responsible for certification decision

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Annex 1

EXTENT

Type:
55000-540 Analogue Addressable Intrinsically Safe XP95 Ionisation Smoke Detector

Variant:
55000-540SIL Analogue Addressable Intrinsically Safe XP95 Ionisation Smoke Detector

Base:
45681-215 Intrinsically Safe Mounting Base

Performance

Essential characteristics	Clauses in EN 54-7:2000	Performance
Nominal activation conditions/Sensitivity, Response delay (response time) and Performance under fire conditions	4.8, 5.2, 5.3, 5.4, 5.6, 5.7, 5.18	Pass
Operational reliability	4.2 to 4.7, 4.9 to 4.11	Pass
Tolerance to supply voltage	5.5	Pass
Durability of operational reliability and response delay; temperature resistance	5.8, 5.9	Pass
Durability of operational reliability; vibration resistance	5.13 to 5.16	Pass
Durability of operational reliability; humidity resistance	5.10, 5.11	Pass
Durability of operational reliability; corrosion resistance	5.12	Pass
Durability of operational reliability; electrical stability	5.17	Pass

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Annex 2

TEST DOCUMENTATION

Accredited Laboratory	Report no.	Date
LPC LPC LPC BRE BRE BRE	TE 88019 TE 89125 TE 90086 TE292207 Issue: 2 TE292207 Issue: 1 TE 223930	25 February 1997 6 September 1997 06 January 1998 02 November 2015 25 August 2015 09 December 2005

TECHNICAL BASIS

File Number	Title
55000-540 45681-215	Build Standard Build Standard

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